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इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
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Calcutta, the 17th February 2001

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Chennai-600 090.

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Telegraphic address "PATENTOFFICE"

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Floors, 234/4, Acharya Jagadish
Bose Road, Calcutta 700 020.

Rest of India.

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Phone No. 247 4101
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कलकत्ता, दिनांक 17 फरवरी 2001

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रमुख कार्यालय कलकत्ता में अवस्थित है तथा मुम्बई, दिल्ली एवं चेन्नई में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जाले के आधार पर निम्न रूप में वर्णित हैं :—

पेटेंट कार्यालय शाखा, यंडी हस्टेट,
तीसरा तल, लोकर गंगेल (ए.)
मम्बई-400013।

गुजरात, महाराष्ट्र, मध्य प्रदेश
तथा गोआ राज्य क्षेत्र एवं मंच
शासित क्षेत्र, दमम तथा वीथ एवं
वाटर और नगर हवेली।

तार पता - "पेटेंटिफिक"

फोन : 482 5092 फैक्स : 022 495 622

पेटेंट कार्यालय शाखा,
एकक सं. 401 से 405, तीसरा तल,
नगरपालिका बाजार भवन,
सरस्वती मार्ग, करोल बाग,
नई दिल्ली-110 005।

हरियाणा, हिमाचल प्रदेश, जम्मू
तथा कश्मीर, पंजाब राजस्थान,
उत्तर प्रदेश तथा दिल्ली राज्य
क्षेत्रों एवं मंच शासित क्षेत्र चंडीगढ़।

तार पता - "पेटेंटिफिक"

फोन : 578 2532 फैक्स : 011 576 6204

पेटेंट कार्यालय शाखा,

विंग "सी" (सी-4, ए),

तीसरा तल, राजाजी भवन,

वसन्त नगर, चेन्नई-600090।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु
तथा पाण्डिचेरी राज्य क्षेत्र एवं
मंच शासित क्षेत्र, लक्षद्वीप, मिनिक्काय
तथा एमिनिदिनि द्वीप।

तार पता - "पेटेंटिफिक"

फोन : 490 1495 फैक्स : 044 490 1492

पेटेंट कार्यालय (प्रधान कार्यालय),
निजाम पैलेस, द्वितीय बहूतलीय कार्यालय
भवन, 5, 6 तथा 7वां तल,
234/4, आचार्य जगदीश शंकर मार्ग,
कलकत्ता-700 020।

भारत का अवशेष क्षेत्र।

तार पता - "पेटेंटिफिक"

फोन : 247 4401 फैक्स : 033 247 3851

पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम,
1999 अथवा पेटेंट (संशोधन) नियम, 1972 द्वारा अपीकृत
राशि आवेदन, सूचनाएं, विवरण या अन्य दस्तावेज या कोई
किसी पेटेंट कार्यालय के केवल सम्बंधित कार्यालय में ही प्रेषण
किये जायेंगे।

शुल्क : शुल्कों की अवधि या तो नकद की जाएगी अथवा
जहां उचित कार्यालय अवस्थित है, उक्त स्थान की अनुसूचित
बैंक से नियंत्रक को भगताग योग्य बैंक ड्राफ्ट अथवा चेक द्वारा
की जा सकती है।

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स्वीकृत सम्पूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि संबंधित आवेदनों में से किसी पर पेटेंट अनुदान को विरोध करने के इच्छुक व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अधिक ऐसी अवधि जो उक्त चार (4) महीने की अवधि की समाप्ति के पूर्व, पेटेंट (संशोधन) नियम, 1999 के तहत विहित प्रारूप 4 पर अगर वांछित हो, एक महीने की अवधि से अधिक न हो, के भीतर कभी भी निबंधक एकरब को उपयुक्त कार्यालय में ऐसे विरोध की सूचना विहित प्रारूप 7 पर दे सकते हैं। विरोध संबंधी लिखित दस्तावेजों से प्रतियों में साक्ष्य के साथ, यदि कोई हो, उक्त सूचना को साथ या पेटेंट (संशोधन) नियम, 1999 द्वारा संशोधित नियम 33 के तहत ग्राह्यविहता उक्त सूचना की तिथि से 60 दिन के भीतर फाईल कर रिफ आने चाहिए।

प्रत्येक विनिर्देश के संदर्भ में नीचे दिये वर्गीकरण, भारतीय वर्गीकरण तथा अंतर्राष्ट्रीय वर्गीकरण के अक्षर हैं।

विनिर्देश तथा चित्र आदि, यदि कोई हो, की अंकित प्रतियों की आपूर्ति पेटेंट कार्यालय या उसके शाखा कार्यालयों से यथाविहित 30/- रुपये प्रति की अदायगी पर की जा सकती है।

ऐसी परिस्थिति में जब विनिर्देश की अंकित प्रति उपलब्ध नहीं हो, विनिर्देश तथा चित्र आदि, यदि कोई हो, की अंकित प्रतियों की आपूर्ति पेटेंट कार्यालय या उसके शाखा कार्यालयों से यथाविहित दोषांशित शुल्क उक्त दस्तावेज के 10 रुपये प्रति पृष्ठ भत्ता 30/- रुपये की अदायगी पर की जा सकती है।]

Ind. Cl. : 130 G

185511

Int. Cl. : C 22 C - 38/40

A PROCESS FOR MAKING A METALLIC ALLOY.

Applicant : ALLIED-SIGNAL INC. OF COLUMBIA ROAD AND PARK AVENUE, MORRIS TOWNSHIP, MORRIS COUNTY, NEW JERSEY 07962; THE UNITED STATES OF AMERICA.

Inventor : RONALD MARTIN, U.S.A

Kind of Application : Complete.

Application for Patent No. 131/Del/92 filed on 17-2-92.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005

10 Claims

A process for making a metallic alloy having nanocrystalline particles distributed in a matrix, said alloy comprising : 6 to 72 percentage of the element Fe; 12 to 81 percentage of the element Ni; where the sum of the percentages of the elements Fe and Ni is 60 to 90%, 0.1 to 10 percentage of at least one of the elements selected from a group consisting of Cr, V, Mo, W, Nb, Ta, Ti, Zr and Hf; 0.1 to 30 percentage of the element B; 0 to 15 percentage of the element Si, where the sum of the percentages of the elements B and Si is 0.1 to 30%; and the sum of all the elements plus impurities is essentially 100%; where said nanocrystalline particles have an effective particle size no larger than about 100 nm; the process comprising the steps of providing an amorphous alloy having at least two crystallization temperatures of the kind such as herein before described, the first of which is a first crystallization temperature at which a nanocrystalline phase is formed and the second of which is a second crystallization temperature at which a second crystalline phase is formed and at least two Curie temperatures of the kind such as herein before described, the first of which is a second magnetic phase Curie temperature and the second of which is a nanocrystalline phase Curie temperature; heating said amorphous alloy to a first elevated temperature below said second crystallization temperature, for a time sufficient to form nanocrystalline particles in said amorphous alloy; cooling said amorphous alloy containing nanocrystalline particles to a second elevated temperature below said nanocrystalline phase Curie temperature; maintaining said amorphous alloy containing nanocrystalline

particles at said second elevated temperature for a period of time-sufficient to improve at least one magnetic characteristic of the alloy containing nanocrystalline particles relative to the same magnetic characteristic of the alloy resulting from the first heating step; and cooling said alloy.

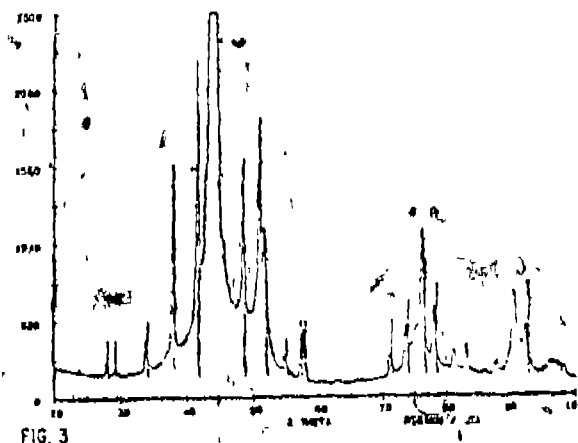


FIG. 3

(Compl. Specn. 23 Pages;

Digns. Sheet 9)

Ind. Cl. : 24 C

185512

Int. Cl. : B 66 B 1/24

A DISC BRAKE FOR AN ELEVATOR.

Applicant : OTIS ELEVATOR COMPANY, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF NEW JERSEY, UNITED STATES OF AMERICA OF 10 FARM SPRINGS, FARMINGTON, CONNECTICUT-06032, UNITED STATES OF AMERICA.

Inventors :

- (1) ALFONSO GARRIDO, SPAIN.
- (2) ANTONIO SANCHEZ, SPAIN.
- (3) JOSE M. SANDOVAL, SPAIN.
- (4) JOSE SEVILLEJA, SPAIN

Kind of Application : Complete.

Application for Patent No. 140/Del/92 filed on 19-2-92.

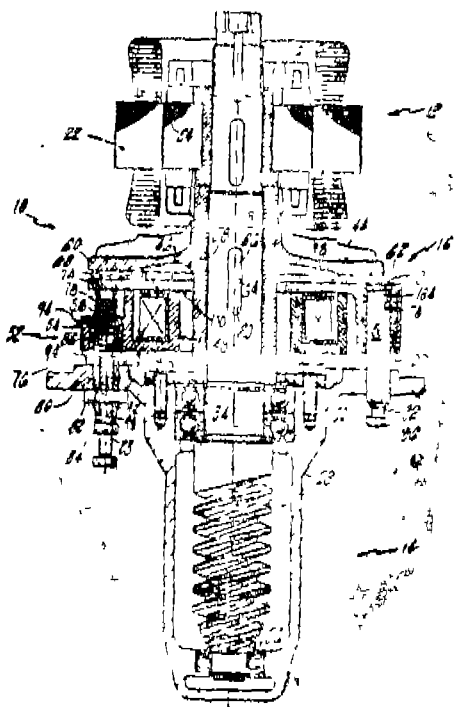
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

5 Claims

A disc brake (16) for an elevator having a shaft, (18), said disc brake comprising :—

- a non-rotating housing, (28)
- a disc (44) securely fastened to said shaft for rotation therewith,
- a non-rotating plate (46) for cooperating with said disc to create sufficient friction to brake the rotation of said shaft,
- a guide means (50) for guiding said plate into and out of contact with said disc, said guide means mounted to said housing to move coaxially with said shaft,
- spring means (78) for urging said plate into contact with said disc, said spring means being attached to said housing; and

- an electromagnet (48) disposed about said shaft and attached to said spring means, for urging said plate out of contact with said disc when activated.



(Compl. Specn. 10 Pages)

(Drgns. Sheet 1)

Ind. Cl. : 40 F IV (1)

185513

Int. Cl.¹ : C 03 C - 10/14

AN IMPROVED PROCESS FOR THE PREPARATION OF TRANSPARENT SILICA GLASS

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAJ MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860)

Inventors :

- (1) DEBIOSH KUNDU, INDIA
- (2) GOUTAM DE, INDIA
- (3) BASUDEB FARMAKAR, INDIA
- (4) DIBYENDU GANGULI, INDIA

Kind of Application : Complete.

Application for Patent No. 214/D/92 filed on 10th March, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

12 Claims

An improved process for the preparation of transparent silica glass which comprises :

- (i) Hydrolysing silicon alkoxide by a known methods such as herein described.
- (ii) Adding fumed silica to the hydrolysed silicon alkoxide derived sol.
- (iii) Sonicating centrifuging and filtering the resulting sol.

(iv) Adjusting the pH of the sol to 2.5 to 4.75.

(v) Casting the sol in a suitable mould.

(vi) Keeping the mould under sealed conditions at room temperature for forming gel and subsequent syneresis.

(vii) Drying the wet gel in an air oven.

(viii) Presintering the resultant gel.

(ix) Impregnating the resultant gel with an aqueous solution of ammonium fluoride.

(x) Drying the wet gel and

(xi) Heating the gel to a temperature in the range of 1200 to 1450°C in an inert atmosphere.

(Compl. Specn. 23 Pages;

Drgns. Sheet Nil)

Ind. Cl. : 20J D

185514

Int. Cl.¹ : C 02 F 1/40

A DEVICE USEFUL FOR DETECTION OF FAECAL COLIFORM BACTERIA IN WASTE WATER.

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAJ MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860)

Inventors :

- (1) SANDHYA SWAMINATHAN, INDIA
- (2) PUNDLIK MADHAO PHIRKE, INDIA.
- (3) VIJAYA AVINASH DESHPANDE, INDIA.

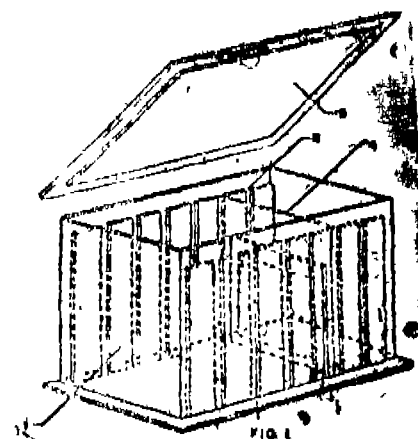
Kind of Application : Complete

Application for Patent No. 216/Del/92 filed on 10th March, 1992

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

2 Claims

A device for detection of faecal coliform bacteria in waste-water comprises, a chamber (1) having a plenty of vertical slots (2) for holding the slide(s) (4), the said slide(s) have a cavity (5), for holding conventional solidified selective medium for the growth of faecal coliform bacteria, the slide(s) (4) being stacked in the chamber in such a manner that they do not touch each other, the chamber is provided with a lid (3) at the top.



(Compl. Specn. 9 Pages;

Drgns. Sheet 1)

Ind. Cl. : 27 L

185513

Int. Cl. : E 04 C 5/01

A HELICALLY WOUND REINFORCING STRIP.

Applicant : N. V. BEKAERT S. A. A PUBLIC COMPANY ORGANISED UNDER THE LAWS OF BELGIUM, OF BOKAERTSTRAAT 2, B-8530 ZWEEBOOM, BELGIUM.

Inventor : MARC NYS, BELGIUM.

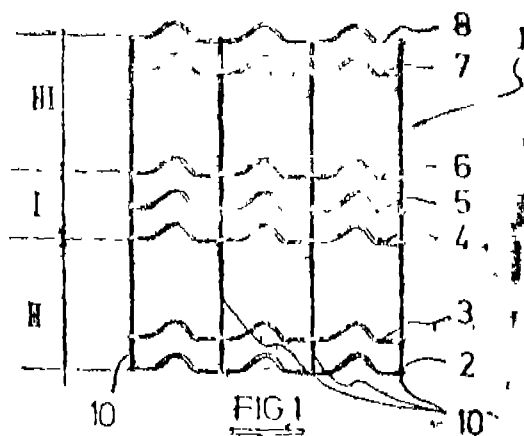
Kind of Application : Complete.

Application for Patent No. 227/Del/92 filed on 12th March, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

9 Claims

A helically wound reinforcing strip in which adjacent turns partly overlap, the strip comprising plurality of longitudinal elements and transverse elements, wherein the longitudinal elements are spaced across the strip characterised in that along the length of the helix in an axis parallel direction, there is a substantially even spacing between successive longitudinal elements of the strip, including in regions where adjacent turns of the strip overlap.



(Compl. Specn. 10 Pages;

Digns. Sheet 2)

- (b) 10-20% of a soap component which includes 8-12% of an alkanolamine soap of a C_{14} - C_{18} fatty acid and 2.4% of a nonionic surfactant having an HLB of at least 15,
- (c) 1-5% of a propellant having a vapor pressure of 30-60 Psig at 70°F,
- (d) 0.1-5% of one or more emollients, and
- (e) 0.3-4% of a foam stabilizer component which includes 0.1-3% of a fatty alcohol, 0.1-3% of a fatty alkanolamide, and 0.01-0.6% of a fatty acid diester of polyethylene glycol having a molecular weight of at least 1000 and suitable for packaging in a pressurized aerosol container.

(Compl. Specn 13 Pages;

Orgns. Sheet Nil)

Ind. Cl. : 116 G

185517

Int. Cl. : B 65 G 47, 00

APPARATUS FOR AUTOMATIC LEVEL CONTROL IN A CLOSED CHANNEL OR CONTAINER FOR TRANSPORT AND/OR DISTRIBUTION OF FLUIDISABLE MATERIAL

Applicant : NORSE HYDRO A.S., A NORWEGIAN COMPANY, OF 0240 OSLE, NORWAY.

Inventors :

- (1) GISEL GOTTFRED FNSTAD, NORWAY.
- (2) BERNT NAGELL, NORWAY.

Kind of Application : Complete.

Application for Patent No. 239/Del/92 filed on 17th March, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

5 Claims

An apparatus for automatic level control in a closed channel (1) or container for transport and distribution of fluidisable (4) material, said channel (1) having a gas-permeable (2) wall therein serving as a partition between an upper pathway (3) for said fluidisable (4) material and a lower (5) blue wherein gas is injected into the said flue from a gas source through a (6) tube such that said gas passes upwardly through said permeable (2) wall and fluidises said material (4) thereon, an inlet (7) provided in the said channel (1) for the feeding of fluidisable (4) material to the said channel, (1) at least one outlet for run-off of said material from said channel and a tube (8) connected to said upper pathway for ventilation of said channel, characterised in that

said channel (1) at the location of said inlet (7) for fluidisable (4) material is equipped with a pipe (9) stub extending downwards into said upper (3) pathway and there is provided on area under said pipe (9) stub having its own dedicated fluidising means, said dedicated fluidising means fluidising said area under the said pipe (9) stub and said area being maintained isolated from the rest of said pathway by a separate permeable (21) wall, said area under the pipe (9) stub having

Ind. Cl. : 189

185516

Int. Cl. : A 45 D, 27/02, C11D 9/00

AN INSTANT-FOAMING SHAVE CREAM COMPOSITION.

Applicant : THE GOLLETTE COMPANY, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF DELAWARE, UNITED STATES OF AMERICA, OF PRUDENTIAL TOWER BUILDING, BOSTON, STATE OF MASSACHUSETTS, UNITED STATES OF AMERICA.

Inventor : MARILYN JEANNE HAYES, U.S.

Kind of Application : Complete.

Application for Patent No. 0232/Del/92 filed on 13-03-92

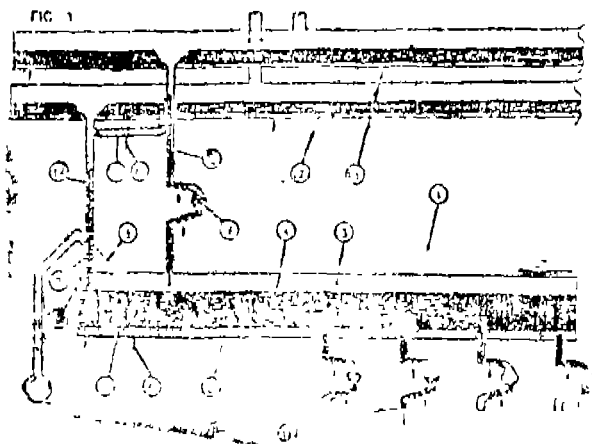
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

7 Claims

An instant-foaming shave cream composition in the form of an oil-in-water emulsion comprising, in percent by weight of the entire composition :

- (a) 70-90% water,

a separate (2) gas feed and capable of being rendered inactive and unfluidised when the remaining portion of said pathway is fluidised.



(Compl. Specn. 11 Pages;

Drgns. Sheet 4)

Ind. Cl. : 195 B

185518

Int. Cl. : F 16K 39/00

A PROPORTIONAL PRESSURE RELEASE VALVE.

Applicant : VICKERS, INCORPORATED, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF DELAWARE, UNITED STATES OF AMERICA, OF 5445 CORPORATE DRIVE, P.O. BOX 302, TROY, MICHIGAN 48007-0302, UNITED STATES OF AMERICA.

Inventors :

- (1) JOHN LESLIE LENG, ENGLAND.
- (2) TSUYOSHI ANDO, JAPAN.
- (3) KOUSUKE HATAKENAKA, JAPAN.
- (4) AKIO MITO, JAPAN

Kind of Application : Complete/Convention.

Application for Patent No. 253/Del/92 filed on 23-3-92.

Convention Date : 6-4-91/9107267.8/U.K.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

26 Claims

A pressure release valve comprising a valve body (1) incorporating a valve seat (12), a valve closure member (13) mounted in the valve body and co-operable with the valve seat to control flow of fluid through the valve from an inlet pressure port (P) to an outlet tank port (T), and electro-magnetic control means (25) having a push pin (26) operable to move, via resilient means (29), the valve closure member in dependence upon the magnitude of a control current applied thereto characterized in that the said comprises damper means (37) provided between the push pin and the valve closure member.

(Compl. Specn. 27 Pages;

Drgns. Sheets 5)

Ind. Cl. : 136 E

185519

Int. Cl. : B 29 C, 45/48

A PLASTICIZING UNIT FOR AN INJECTION MOULDING MACHINE.

Applicant : FRENKELC-D AKTIENGESELLSCHAFT, OF P.O. BOX 3, 712 AEULI STRASSE 5, FL-9490 VADUZ, LIECHTENSTEIN.

Inventor : PAUL MEYER, SWITZERLAND.

Kind of Application : Complete/Convention.

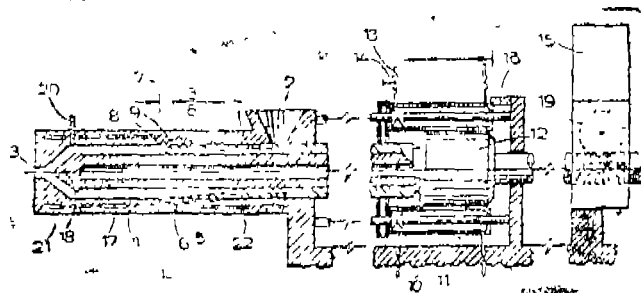
Application for Patent No. 254/Del/92 filed on 23th March, 1992.

Convention Application No. 9106384.2 U.K./26-03-1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

9 Claims

A plasticizing unit for an injection moulding machine comprising a cylindrical barrel (1) and a cylindrical screw (4) mounted in the barrel (1) for axial and rotary movement, the unit having an inlet (12) for material in the barrel (1) a compression zone a plasticizing zone (5, 4) for mixing and plasticizing the material by rotation of the screw (4) a reservoir chamber in the barrel (1) for plasticized material the reservoir chamber having a shaped end and a channel (3) for connection to a mould of the machine, the screw (4) being axially movable to eject material from the reservoir chamber, and trigger means (2) for setting off the injection action and stopping rotation of the screw (4) when the reservoir chamber is full, characterised in, a Transermix plasticizing zone, (5, 6) in which the helical groove of the screw (4) varies in cross-section from full area to zero area, and the barrel (1) has a helical groove of which the cross-sectional area varies from zero area to full area, whereby the material is transferred from the screw (4) to the barrel (1) while being mixed and plasticized; the unit has a return zone (7) between the plasticizing zone (5, 6) and the reservoir chamber, in which the flow area in the barrel groove reduces from full area to zero area for the material to be returned to within the cylindrical interface of the barrel (1) and the reservoir chamber, and the screw (4) has a part (9) where its helical groove is of zero area, the part (9) acting as a piston in the cylindrical reservoir chamber for the injection action.



(Compl. Specn. 13 Pages;

Drgns. Sheet 1)

Ind. Cl. : 188

185520

Int. Cl. : C 09D 09/00

AN IMPROVED COATING COMPOSITION USEFUL FOR CORROSION PROTECTION OF REINFORCING AND PRESTRESSING STEEL.

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH RAHI MAPA, NEW DELHI-110001 INDIA AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT.

Inventors :

- (1) KRISHNASWAMY BALAKRISHNAN, INDIA.
- (2) NERUR SANKARA NARAYANA RENGASWAMY, INDIA.
- (3) SETHURAMAN PITCHUMANI, INDIA.
- (4) KRISHNAN KUMAR, INDIA
- (5) RATHINAVEL VEDALAKSHMI, INDIA.

Kind of Application : Complete/Provisional.

Application for Patent No. 259/Del/92 filed on 25-3-92.

Complete left after Provisional Specification filed on 22-4-93.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

5 Claims

An improved coating composition useful for corrosion protection of reinforcing and prestressing steel which comprises mixing acrylic polymer precursor resin such as herein described 35% to 40% wt/vol portland cement 16% to 22% wt/vol. conventional corrosion inhibitors 1% to 3% wt/vol. conventional crosslinking agents 0.5% to 1.5% wt/vol and organic solvents such as herein described 40% to 45% wt/vol.

(Provl. Specn. 4 Pages)

(Compl. Specn. 16 Pages ;

Drgn. Sheet Nil)

Ind. Cl. : 68E₁

185521

Int. Cl.^A : G05F 1/10

AN INVERTER APPARATUS.

Applicant : KABUSHIKI KAISHA TOSHIBA, A CORPORATION ORGANISED AND EXISTING UNDER THE LAWS OF JAPAN, OF 72, HORIKAWA-CHO, SAIWAI-KU, KAWASAKI-SHI, KANAGAWA-KEN, JAPAN.

Inventor : KAZUTO KAWAKAMI, JAPAN

Kind of Application : Complete.

Application for Patent No. 272/Del/92 filed on 27-3-92.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

14 Claims

An inverter apparatus comprising a plurality of (3a, 3b) of inverters connected in parallel, each of said plurality of (3a, 3b) inverters comprising : current detection means (11a, 11b) connected to a corresponding inverter and for detecting an output current of said corresponding said inverter; voltage detection means (13a, 13b) connected to said corresponding inverter and for detecting an output voltage of said corresponding inverter to generate an actual voltage (V_a) signal; voltage control means (16a, 16b) connected to said voltage detection means (13a, 13b) and for generating a voltage control signal corresponding to a difference between a voltage (V_r) reference and said actual voltage detected by said voltage detection means (13a, 13b); frequency control means (8a, 8b) connected to said voltage detection means and for generating a frequency control signal corresponding to a difference between a frequency (f_r) reference and an actual frequency of the voltage detected by said voltage detection means (13a, 13b); current difference formation means (12a, 12b) connected to a corresponding current detection means (11b, 11a) and another current detection means and for forming a current difference signal on the basis of detected results of said current detection means (11a, 11b); d-q axis orthogonal coordinate transformation means (14a, 15a, 14b, 15b) connected to said current difference formation means (12a, 12b) and for transforming a current difference signal formed by said current difference formation means (12a, 12b) to a signal on the d-q axis orthogonal coordinate system, thus to form a first (V_{da}, V_{db}) correction signal; a first frequency of an output voltage of said inverter; and a second correction (V_{qa}, V_{qb}) signal relating to the amplitude of said output voltage; first correction means (22, 25, 26) connected to said d-q axis orthogonal coordinate transformation means (14a, 15, 14b, 15b) and for correcting said frequency control signal by said first correction signal (V_{da}, V_{db}); second correction means (17, 19, 20) connected to said d-q axis orthogonal coordinate transformation means (14a, 15, 14b, 15b) and for correcting said voltage control signal by said second correction (V_{qa}, V_{qb}) signal; and means (5a, 5b) connected to said voltage

control means (16a, 16b) and said frequency control means (8a, 8b), and for controlling said corresponding (3a, 3b) inverter in accordance with outputs thereof.

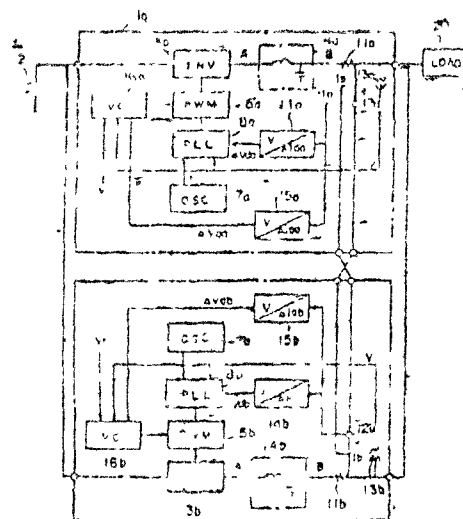


FIG 2

(Compl. Specn. 19 Pages;

Drgns. 3 Sheets)

Ind. Cl. : 40 B

185522

Int. Cl.^A : C 01 G 9/00, B 01 J 23/06, B 01 J 37/00

A PROCESS FOR THE PREPARATION OF NOVEL PROMOTED ZINC-CHROMINE CATALYST USEFUL FOR THE PRODUCTION OF 2-METHYLPYRAZINE FROM ETHYLEDIAMINE AND PROPYLENE GLYCOL.

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI 110001, INDIA (AN INDIAN REGISTERED BODY INCORPORATED UNDER REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventor(s) :

1. MACHIRAJU SUBRAHMANYAM—INDIAN
2. VENKATARAMAN VISWANATHAN—INDIAN
3. SHIVANAND JANARDAN KULKARNI—INDIAN
4. GUDIMELLA MURALIDHAR—INDIAN
5. BASAVARAJU SRINIVAS—INDIAN
6. ALLA VENKATA RAMA RAO—INDIAN
7. JHILU SINGH YADAV—INDIAN
8. KATTI VENKATA RAMI REDDY—INDIAN.

Kind of Application : Provisional -Complete.

Application for Patent No. : 280/Del/92 filed on 30th March, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110005.

4 Claims

A process for preparation of novel promoted zinc chromite catalyst useful for the production of 2-methylpyrazine from ethylenediamine and propylene glycol which comprises dissolving the said chemicals such as sulfate salts of magnesium, manganese, ammonium, copper, chloride of palladium and chloroplatinic acid in water and impregnating 0.5 to 4 wt.% any of the said salt on the known zinc-chromite catalyst having 74 wt.% zinc and 22 to 23 wt.%

chromium drying the resultant impregnated catalyst at temperature in the range of 80—150°C in hot air to get the said promoted zinc chromite catalyst

(Provn. Specn. : 7 Pages;

Drwing Sheet Nil)

(Compl. Specn. : 10 Pages;

Drgns. : 3 Sheets)

Ind. Cl. : 40B

185523

Int. Cl.⁴ : B 01 J 23/00.

A PROCESS FOR PREPARING A SHELL IMPREGNATED CATALYST.

Applicant : BP CHEMICALS LIMITED, A BRITISH COMPANY, OF BELGRAVE HOUSE, 76 BUCKINGHAM PALACE ROAD, LONDON SW1W 0SU, ENGLAND.

Inventor(s) :

1. WILLIAM J. BARTLEY—U.S.A.
2. GORDON GENE HARKREADER—U.S.A.
3. SIMON JORSON—ENGLAND
4. MELANIE KITSON—ENGLAND
5. MICHAEL FRANCIS LEMANSKI—U.S.A.

Kind of Application : Complete.

Application for Patent No. : 283/Del/92 filed on 30th March, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005

6 Claims

A process for preparing a shell impregnated catalyst for use in the production of vinyl acetate from ethylene, acetic acid and an oxygen containing gas, said catalyst having a productivity of greater than 661 grams of vinyl acetate per hour per litre of catalyst at 150°C, said method comprising the steps of :

- (i) providing a catalyst support having a particle diameter from 3 to 7 mm and a pore volume of 0.2 to 1.5 ml per gram.
- (ii) distributing palladium and gold in the outermost 1.0mm thick layer of the catalyst support such that the gold to palladium weight ratio in the catalyst is in the range of 0.460 to 1.25 and the palladium content in the catalyst is greater than 3.9 grams per litre of catalyst, and
- (iii) impregnating the product of step (2) with a solution of potassium acetate such that the catalyst comprises from 3.5 to 9.5% by weight of potassium acetate.

(Compl. Specn, 16 Pages;

Drgns. 4 Sheets)

Ind. Cl. : 67C L1 (2), 69 A 1.1 (x1).

185524

Int. Cl.⁴ : G05 D, 1/00, G08 C 1/00.

A DEVICE FOR SIGNALLING THE POSITION OF A MOBILE MEMBER CAPABLE OF ASSUMING PLURALITY OF DISCRETE STATES.

Applicant : GEC ALSTHOM SA, A FRENCH BODY CORPORATE OF 38, AVENUE KLEBER-75116 PARIS, FRANCE.

Inventor : GERARD EBERSOHL—FRANCE.

Kind of Application : Complete.

Application Patent No. : 0325/Del/92 filed on 13-04-92.

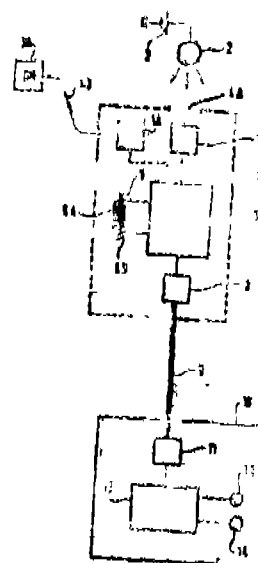
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, New Delhi-110 005.

5 Claims

A device for signaling the position of the mobile member capable of assuming plurality of discrete states and for transmitting the corresponding information, said device comprising : interference free direct current voltage production means located inside a screened enclosure, a first pulse generation means connected to said direct current voltage

production means to generate electrical pulses having a duration proportionate to the value of an inductance capable of assuming distinct values according to various states of the said mobile member; a second pulse generation means connected with said first pulse generation means for converting said electrical pulses into optical pulses; an optical fiber connected at one end thereof to said second pulse generation means and at the other end thereof to a processor; characterised in that the said direct current voltage production means comprises a photovoltaic cell located inside said screened enclosure and adapted to be illuminated through a window in the screened enclosure by a light source.

FIG 1



(Compl. Specn. : 16 Pages;

Drgns. : 6 Sheets)

Ind. Cl. : 140 A2, 32 E + D.

185525

Int. Cl.⁴ : C 10 M 105/00.

LIQUID COMPOSITIONS CONTAINING COMPLEX CARBOXYLIC ESTERS.

Applicant : THE LUBRIZOL CORPORATION, OF 29400 LAKELAND BOULEVARD WICKLIFFE, OHIO 44092 UNITED STATES OF AMERICA, A CORPORATION OF THE STATE OF OHIO.

Inventor : SCOTT TED JOLLEY—U.S.A.

Kind of Application : Complete

Application for Patent No. : 348/Del/92 filed on 22nd April, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

16 Claims

A liquid composition comprising :

- (a) from 70% to 99% by weight of at least one fluorine-containing hydrocarbon containing 1 or 2 carbon atoms; and
- (b) from 1% to 30% by weight of at least one soluble organic lubricant comprising at least one carboxylic ester of a polycarboxylic acid of the kind such as hereinbefore described and a polyhydroxy compound of the kind such as hereinbefore described.

(Compl. Specn : 35 Pages;

Dign. Nil Sheet)

Ind. Cl. : 40 F, I.

185526

Int. Cl.⁴ : B 01 D 61/38, C 02 F 1/44, G 21 G 9/18

AN INSTRUMENT FOR THE MEASUREMENT OF OXYGEN AND BIOCHEMICAL OXYGEN DEMAND (BOD).

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJ MARG, NEW DELHI-110 001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT.

Inventor(s) :

1. SUSAI VINCENT—INDIA

2. YEGNANARAYANA IYER MAHADEVA IYER—INDIA

Kind of Application : Provisional—Complete.

Application for Patent No. : 353/Del/92 filed on 23-4-92.

Complete left after provisional filed on 22-4-93.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

4 Claims

An instrument for the measurement of oxygen and Biochemical oxygen demand (BOD) which comprises a biosensor connected to a variable voltage source (Po) through amplifier (OA1) to maintain a pre-determined potential to the biosensor with respect to a Ag/AgCl reference electrode, the output of the biosensor being connected to the input of a first pre-amplifier, the said first pre-amplifier (OA2) output being connected to the second amplifier (OA3) the output of the second amplifier being connected to an analog/digital display unit (DDM).

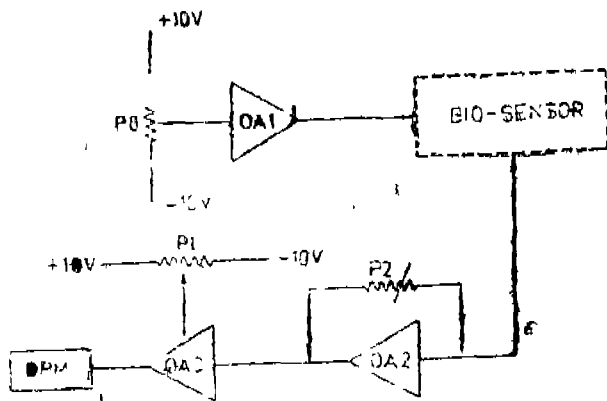


Fig 1

(Provis. Specn. : 5 Pages;

Drgn. : 1 sheet)

(Compl. Specn. : 8 Pages;

Drgn. : Nil Sheet)

Ind. Cl. : 408 C.

185527

Int. Cl.⁸ : B 21 B1/00.

METHOD OF CONTINUOUSLY PRODUCING IMPROVED HOT ROLLED FERROUS ROD OR BAR PRODUCTS.

Applicant : MORGAN CONSTRUCTION COMPANY, A CORPORATION ORGANISED AND EXISTING UNDER THE LAWS OF THE STATE OF MASSACHUSETTS, UNITED STATES OF AMERICA, OF 15 BELMONT STREET, WORCESTER, MASSACHUSETTS 01605, UNITED STATES OF AMERICA.

Inventors :

1. TERENCE MICHAEL SHORE—U.S.A.

2. HAROLD ERNEST WOODROW—U.S.A.

3. MELICHER PUCHOVSKY—U.S.A.

Kind of Application : Complete.

Application for Patent No. : 354/Del/92 filed on 23-4 April, 1992.

Appropriate Office for Opposition Proceedings (Rule 4 Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

6 Claims

A method of continuously producing improved hot rolled ferrous rod or bar products characterized by :

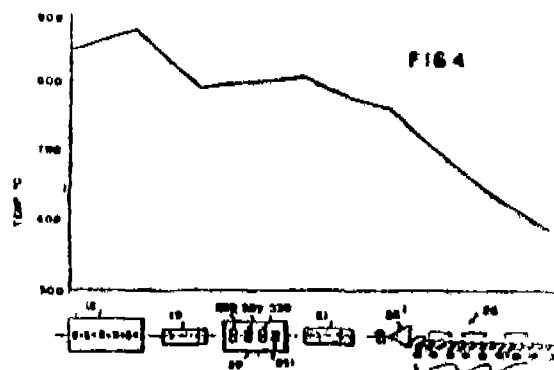
directing products from the finishing group through at least four successive post finishing roll passes in the post finishing block;

in the first and second post finishing roll passes oval and round cross-sections are imparted alternately to the products, said first and second post finishing roll passes being configured accordingly;

in the third and fourth post finishing roll passes round cross sections are imparted to the products, said third and fourth post finishing roll passes being configured accordingly;

effecting progressively smaller reductions in product cross-sectional area in the post finishing roll passes with the reductions in said round post finishing roll passes totaling from 14% to 60%, of which less than 20% is effected in the last of said round post finishing roll passes;

and with the time interval between rolling in the first and last of said post finishing roll passes being selected such that grain size across the cross-section of the products being rolled does not vary by more than 2 ASTM.



(Compl. Specn. : 25 Pages;

Drngs. : 7 Sheets)

Ind. Cl. : 19 B.2.

185528

Int. Cl.⁸ : B 21 K — 1/04.

A DRIVE NUT FOR A ROCK BOLT.

Applicant : ANI CORPORATION LTD., AN AUSTRALIAN COMPANY, OF 25 PACIFIC HIGHWAY, BENNETTS GREEN, NEW SOUTH WALES 2200, AUSTRALIA.

Inventor(s) :

1. PETER DOUGLAS ARNALL—AUSTRALIA

2. MIECZYSLAW RATAJ—AUSTRALIA

Kind of Application : Complete—Convention

Application for Patent No. : 364/Del/92 filed on 27th April, 1992.

Convention Application No. : 5839/Au/26-04-91.

Appropriate Office for Opposition Proceedings (Rule 4 Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

15 Claims

A drive nut for a rock bolt, said drive nut comprising a nut having a head forming a recess and an insert, said nut having a plurality of distinct substantially co-planar lips located circumferentially around said insert being retainable in the recess in the head of said nut, said plurality of lips being formed from a protrusion from the head of the nut, said plurality of lips extendible inwardly over the insert when the insert is in the recess said insert having a peripheral rim and a central portion displaced relative to the plane of said rim so that a first contact between a bolt to which said drive nut is threaded and said insert, is with said insert central portion.

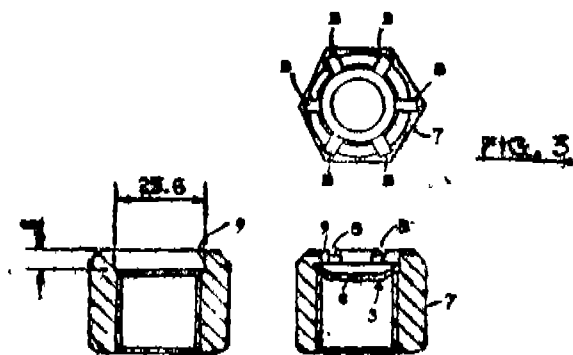


Fig. 3

(Compl. Specn. : 10 Pages.

Drgns. 4 Sheets)

Ind. Cl. : 64 B 3

185529

Int. Cl.⁸ : H 01 R 9/00

A SELECTIVE DEVICE FOR ELECTRICAL CONNECTION FITTED WITH A SAFETY DISK.

Applicant : SOCIÉTÉ D'EXPLOITATION DES PROCÉDÉS (S.E.P.M.) A FRENCH COMPANY, OF 92 AVENUE DE SAINT MANDÉ, 75013 PARIS, FRANCE

Inventor(s) :

1. GILLES MARECHAL—FRANCE
2. DIDIER BIENVENU—FRANCE

Kind of Application : Complete.

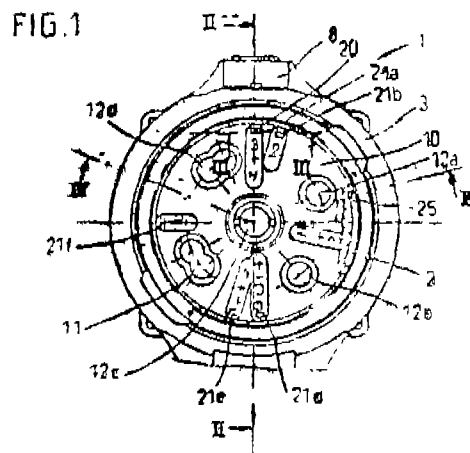
Application for Patent No. : 393/Del/92 filed on 6-5-92

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

9 Claims

A device for electrical connection fitted with a safety disk comprising a plug (2) with multiple contacts which engage with the corresponding contacts (5,5') of a socket (1), each of the two elements plug and socket being constituted by a housing (7, 3) and an insulating contact carrier (4), the housings (7, 3) of the two elements carrying mating means for guiding and locking by rotation, arranged so that they can only be joined together in a single relative angular position while a safety disk (10) made of insulating material mounted so as to pivot on the socket coaxially with the circumference on which the contacts are located, is provided with openings (11, 12a—12d) for passage of the contacts of the plug, and is arranged so as to be entrained in rotation by the plug when the latter is locked on the socket from a given initial position so that only certain contact locations are uncovered at the end of the rotation movement, this initial position of the safety disk (10) being locked by a locking system (16, 17, 19) which is disengaged when the plug is introduced into the socket characterised in that locking means are provided between the safety disk (10) and the locking system of the latter said locking means being arranged so as to always be locked in the same angular position by said locking system, whereas said locking means

can lock the safety disk (10) in a plurality of pre-established angular positions so that the disk is in an initial position at will by acting on said locking means.



(Compl. Specn. : 13 Pages;

Drgns. : 3 Sheets)

Ind. Cl. : 51 D

185530

Int. Cl.⁸ : B 26 B 21/00

A RAZOR HANDLE ASSEMBLY FOR RECEIVING A RAZOR BLADE ASSEMBLY.

Applicant : THE GILLETTE COMPANY, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF DELAWARE, UNITED STATES OF AMERICA, OF PRUDENTIAL TOWER BUILDING, BOSTON, STATE OF MASSACHUSETTS, UNITED STATES OF AMERICA.

Inventor(s) :

1. DANIEL BRIAN LAZARCHIK—U.S.A
2. DOMENIC VINCENT APPRIE—U.S.A
3. JILL MARIE SCHURTTLEFF—U.S.A

Kind of Application : Complete.

Application for Patent No. 409/Del/92, filed on 12th May, 92.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

9 Claims

A razor handle assembly for receiving a razor blade assembly, said handle (10) having a substantially planar body, (12) an opening (27) formed in a forward end of said handle (10) and a pair of bearing members (34, 36) adjacent said opening, (27) said bearing members (34, 36) being movable by means (38, 40, 41, 30, 31) disposed in the handle (10) toward and away from each other and adapted pivotally to receive a razor blade assembly for pivotal movement on said handle, characterised in that said razor handle (10) is shaped to mate with a cartridge receiving and retaining cover (110) and is formed by a substantially planar body (12) member, a top shell member (14) mounted on one surface of the body (12) member and a bottom shell member (16) mounted on the opposite surface on said body member, (12) each of said shell (14, 16) members covering only the peripheral top and bottom surface of said body member (12) and having portions which extend forwardly beyond the body member (12) to form a housing (26) said opening (27) being in the forward end of said housing, (26) and wherein the bottom surface of said handle (10) has

recess (08) in which a plurality of sinuous recesses (06) are provided to cooperate with corresponding projections (134, 136) on a cartridge receiving and retaining cover (10)



(Comp) Specimen 14 Pages:

Drawn 12 sheets

CLAIM UNDER SECTION 20(1) OF THE PATENT ACT, 1970

In pursuance of leave granted under Section 20(1) of the Patents Act, 1970 application on 891/Ca/95 (184154) made by KIMBERLY-CLARK CORPORATION has been allowed to proceed in the name of KIMBERLY CLARK WORLDWIDE INC

OPPOSITION PROCEEDINGS

An opposition has been entered by M/s Bharat Heavy Electricals Limited, Hyderabad to grant of a patent on Application No. 183919 (352/Mas 94) dated 29-04-1994 made by M/s British Gas PLC, U.K.

An opposition has been entered by Bajaj Auto Ltd. Akurdi, Pune, Maharashtra to grant of a patent on Application No. 184001 (557/Del 91) dated 25-06-1991 made by Piaggio Veicoli Europei SPA, Italy.

An Opposition has been entered by M/s The Galle Company, U.S.A. to grant of a patent on Application No. 184118 (154/Mas/94) dated 07-03-1994 made by Uppuragady Venadaraya Nayak Mangalore, Karnataka

PATENT SEALING ON 19-01-2001

182736 183871 184201 184203 184204 184205 184207
184209 184211 184212 184213 184214 184215 184216
184217 184218 184219 184220 184221 184223 184224
184227 184228 184229

(CAL-10, DEL-01, MUM-01, CHEN-13)

Patent shall be deemed to be endorsed with words "GRANT OF RIGHT" Under Section 87 of the Patents Act, 1970 from the date of expiration of three years from the date of sealing

(1) Drug Patents

(2) Chemical Patents

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for period of two years from the date of registration except as provided for in Section 50 of the Design Act, 1911.

The date shown in the each entries in the date of the registration included in the entries.

- Class 1 Nos. 182530 & 182531. M/s. Suman Anand, Gomett Nagar, Kalandhungi 263140, Dist. Nainital, U.P., India, an Indian National. "FOOT PRINT OF TIGER". 31st May 2000.
- Class 1 No. 182615. Prem Industries Shergur, Ludhiana. (PB), India, an Indian Proprietorship firm. "HAND HOLDER FOR HAND PUMPS". 14th June 2000.
- Class 1 No. 182614. Prem Industries Shergur, Ludhiana. (PB), India, an Indian Proprietorship firm. "ROUND BAR HANDLE FOR HAND PUMPS". 14th June 2000.
- Class 1 No. 182706. LML Limited, an Indian Company, B-17, Greater Kailash I, New Delhi-110048 and Registered Office C-3, Panki Industries Estate, Kanpur-200022, U.P. India. "SCOOTER". 23rd June 2000.
- Class 1 No. 182987. Docol Metals Sanitarios Ltd. Eixo Cubatao s/n, Distrito Industrial 89239-280 Joinville-Sc Br-Brazil. "A CANOPY FOR DISCHARGE VALVE". 24th July 2000.
- Class 1 No. 183032. Premier Industrial Corporation of No. 84-A, Vinayakar Street, Sivananda Colony, Coimbatore-641012, Tamil Nadu, India. "STOVE". 27th July 2000.
- Class 1 No. 183103. Sahajanand Vascular Technovention Pvt. Ltd. Gandhi Smriti Apartments, Parsi Street Sayedpura, Surat Gujarat, India "STENT" 1st August 2000
- Class 3 No. 180303. Aluminium De Bourgoin-ADB. 12 Route de Saint-jean 38300 Bourgoin Jallieu. France "MOPED HANDLE" 8th September 1999
- Class 3 No. 182842. Kiwi European Holdings B.V. The Netherlands of Vleutensevaart 100, 3532 AD Utrecht "SHOE CREAM APPLICATOR". 10th July 2000.
- Class 3 No. 182904, 182905 & 182906. Siemens Aktiengesellschaft, Wittelsbacherplatz 2, 80333 Munchen. Germany. "TELEPHONE". 17th July 2000.
- Class 3 No. 183323. Three-N-Products Pvt. Ltd. 3030, Street No. 4, Ranjit Nagar, New Delhi-110 008. (India), an Indian Company. "BOTTLE" 29th August 2000.
- Class 3 No. 183420. M/s. Sunshine Cosmetics (India) 14, Bhaktinagar Station Plot 360 002, Maharashtra, India, an Indian Company "BOTTLE CAP" 14th September 2000.
- Class 10 No. 182805 & 182806. Liberty Shoes Ltd. Extension Railway Road, Karnal-132001. (Haryana) India, an Indian Company. "SOLE" 5th July 2000.
- Class 12 No. 182991 BIC Corporation, The State of New York USA, 500 BIC Drive Milford, CT 06460. United States of America "UTILITY LIGHTER" 24th July 2000

H. D. THAKUR
Controller General of Patents
Designs & Trade Marks

